ORDER FOR SUPPLIES OR SERVICES								PAGE 1 OF 35				
	ACT PURCH O		ER/AGREEMENT NO.	2. DELIV	VERY ORDER	/CALL NO.	3. DATE OF ORD (YYYYMMMDD)	ER/CAL		JISITION/PURCH RE	QUEST NO.	5. PRIORITY
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16. TYPE	DELIVERY/ CALL		THIS DELIVERY ORDE	R IS ISSUED	ON ANOTHER O	GOVERNMENT AG	ENCY OR IN ACCORI	ANCE WI	ITH AND SUBJE	ECT TO TERMS AND COM	NDITIONS OF ABOV	E NUMBERED CONTRACT.
OF ORDER	PURCHASE	х	Reference your GLEN SHIFLEY,	Oral		-	6HZV07Q0896	, Da	ated _2007J1	UN11		
	TURCHASE	X	ACCEPTANCE. THI	E CONTRA	CTOR HEREI	BY ACCEPTS TI	HE OFFER REPRE			MBERED PURCHASI AND AGREES TO PE		MAY PREVIOUSLY HAVE
NAME OF CONTRACTOR SIGNATURE TYPED NAME AND TITLE DATE SIG (YYYYMM) X If this box is marked, supplier must sign Acceptance and return the following number of copies:												
17. ACCOUNTING AND APPROPRIATION DATA/LOCAL USE SEE SCHEDULE												
18. ITEM	NO. 19. SO	СНЕ	DULE OF SUPPLIES/SI	ERVICE			20. QUANTITY ORDERED/ ACCEPTED*	?	21. UNIT	22. UNIT PRICE	23. AMOUNT	
	CONT F: KINI	rra irm	HEDULE CT TYPE: -Fixed-Price F CONTRACT: ly Contracts an	d Price	d Orders							
* If anoutite	accepted by the				STATES OF A	MEDICA					25. TOTAL	\$730.00
same as qu	uantity ordered,	indi	cate by X.	4. UNITED	FREDRICK	T. SEEBUR	GER R@US.ARMY.MII	. (586)574-8096	5	26.	
quantity o	rdered and enci	cle.		SY:						RDERING OFFICER	DIFFERENCE	8
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e. MAILI	NG ADDRESS ()F A	UTHORIZED GOVERN	MENT RE	PRESENTATI	VE	28. SHIP. NO.	2	29. D.O. VOU	CHER NO.	30. INITIALS	
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f. TELEPHONE NUMBER g. E-MAIL ADDRESS				FINAL 31. PAYMENT				34. CHECK NU	UMBER			
36. I CERTIFY THIS ACCOUNT IS CORRECT AND PROPER FOR PAYMENT.				COMPL	ЕТЕ							
a. DATE	MMDD)		b. SIGNATURE AND	TITLE OF	CERTIFYING	OFFICER	PARTIA FINAL	L			35. BILL OF L	ADING NO.
37. RECE	IVED AT		38. RECEIVED BY (P	Print)	39. DATE RE		40. TOTAL CO TAINERS	N-	41. S/R ACCO	OUNT NUMBER	42. S/R VOUCE	IER NO.

CONTINUATION CHEET	Reference No. of Document Be	Page 2 of 35							
CONTINUATION SHEET	PHN/SHN W56HZV-07-P-1158	MOD/AMD							
Name of Offeror or Contractor: A & G MANUFACTURING CO INC									
SUPPLEMENTAL INFORMATION									
Regulatory Cite	Title		Date						

TACOM-WARREN OMBUDSPERSON

52.201-4000

(TACOM)

Information regarding the TACOM-Warren Ombudsperson is located at the website http://contracting.tacom.army.mil/acqinfo/ombudsperson.htm [End of Clause]

JAN/2006

Reference No. of Document Being Continued PIIN/SIIN W56HZV-07-P-1158 MOD/AMD

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SUPPLIES OR SERVICES AND FRICES/COSTS NEN: 5340-91-523-8788 FUSCH: 19207 PART NE: 168870 SECURITY CLASS: Unclassified SOULAN PROCECTION OURATITY NOUN: COVER PRON: HNY6587RH PRON AND: 01 ACEN: AA ASS CD: 070911 Description/Spocs./Mork Statement TOP DEALNESS MR: 363870 DUTE: 24-AFR-2007 PACKASING MR: 363870 DUTE: 24-AFR-2007 PACKASING PACKING/SPECIFICATIONS: SER PACKASING PACKING/SPECIFICATIONS: UNITY PACK: 001 LEVEL PACKING: Commercial LEVEL PACKING: Commercial Inspection and Acceptance 18878CTION: Origin ACCEPTANCE: Origin Delivaries or Performance DOC MR: SUPP, RRI CM MILESERIP ANDR SIG CD MARK FOR TP CD OOL MSSERVING WIGHT J 2 DEL MARK CD GOANTEY DEL DATE OL S 30-NOV-2007 POB FOINT: Origin SHIP TO: (WRIGHT OX NOT ANNISTON MUNITIONS CONTER TRANS OFFICER 256 225 6637 CL V 7 PREMINTOR AVE WIGHS 380 ANNISTON AL 36201-4199 CONTRACT/ORITUREY ORDER SHIMBER WEGGET-07-2-1156/0000	TEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
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0001AB	001AB	DISTRIBUTION DATA REPORT	1	EA	\$** NSP **	\$** NSP **
NOUN: DISTRIBUTION DATA REPORT		NOUN: DISTRIBUTION DATA REPORT				

Reference No. of Document Being Continued PIIN/SIIN W56HZV-07-P-1158 MOD/AMD

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ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
	Description/Specs./Work Statement PROCUREMENT DOCUMENTATION TITLE: SEE CLAUSE 52.247-4458				
	Packaging and Marking				
	Distribution Data Report, pursuant to the requirements of TACOM clause 52.247-4458.				
	The price for the Distribution Data Report in the amount of \$NSP is included in the total amount for Item 0001AA.				
	NOTE: There is a payment withhold associated with nondelivery of this report, please see the TACOM clause.				
	(End of narrative D001)				
	Inspection and Acceptance INSPECTION: Origin ACCEPTANCE: Origin				
	Deliveries or Performance DOC SUPPL REL CD MILSTRIP ADDR SIG CD MARK FOR TP CD 001 3				
	DEL REL CD QUANTITY DEL DATE 001 1 30-NOV-2007				
	FOB POINT: Destination				
	SHIP TO: (Y00009) SEE BELOW				
	CONTRACT/DELIVERY ORDER NUMBER W56HZV-07-P-1158/0000				
	See 52.247-4458 (TACOM), Distribution Data Report				
	(End of narrative F001)				
002	FSCM: 19207 PART NR: 163870 SECURITY CLASS: Unclassified				
002AA	Option Quantity	5	EA	\$ 146.00000	\$
			1		

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ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
	OPTION QUANTITY, PURSUANT TO THE CLAUSE				
	ENTITLED OPTION FOR INCREASED QUANTITY				
	SEPARATELY PRICED LINE ITEM (52.217-4001).				
	The quantity stated for the option CLIN DOES				
	NOT Form a part of the basic contractual				
	quantity. Part or all of it may, however,				
	be added to the contract by exercise of the				
	option clause, at the discretion of the				
	Government.				
	(End of narrative B001)				
	Description/Specs./Work Statement				
	TOP DRAWING NR: 163870 DATE: 24-APR-2007				
	DAIE: 21-AFR-200/				
	Packaging and Marking				
	PACKAGING/PACKING/SPECIFICATIONS:				
	SEE PACKAGING REQUIREMENTS CLAUSE				
	UNIT PACK: 001				
	LEVEL PRESERVATION: Commercial				
	LEVEL PACKING: Commercial				
	Inspection and Acceptance				
	INSPECTION: Origin ACCEPTANCE: Origin				
	<u>Deliveries or Performance</u>				
	DOC SUPPL REL CD MILSTRIP ADDR SIG CD MARK FOR TP CD				
	001				
	DEL REL CD QUANTITY DEL DATE				
	001 5 UNDEFINITIZED				
	FOB POINT: Origin				
	SHIP TO:				
	(Y00000) SHIPPING INSTRUCTIONS FOR CONSIGNEE				
	(SHIP-TO) WILL BE FURNISHED PRIOR				
	TO THE SCHEDULED DELIVERY DATE FOR				
	ITEMS REQUIRED UNDER THIS REQUISITION.				
	REQUISITION.				
	CONTRACT/DELIVERY ORDER NUMBER				
	W56HZV-07-P-1158/0000				
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Reference No. of Document Being Continued

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Name of Offeror or Contractor: A & G MANUFACTURING CO INC

DESCRIPTION/SPECIFICATIONS/WORK STATEMENT

2 52.211-4015 CONFIGURATION CONTROL - ENGINEERING CHANGES (TACOM)

DEC/2005

(a) DEFINITIONS:

- (1) Engineering Change Proposal (ECP). An ECP is a suggestion that we (the Government) permanently change some requirement of the Technical Data Package (TDP). ECPs can be issued before or during contract performance. NOTE: The current Government Standard allows us ninety days to process routine ECPs. If you (the contractor) need a response in less than ninety days to meet contract requirements, you should consider submitting a deviation along with your ECP.
 - (2) Notice of Revision (NOR). A NOR describes the proposed changes to a technical document being requested by an ECP.
 - (3) Value Engineering Change Proposal (VECP). A proposal that --
 - (i) Requires a change to the instant contract; and
- (ii) Results in reducing the overall projected cost to the agency without impairing essential functions or characteristics; provided, that it does not involve a change --
 - (A) In deliverable end item quantities only;
 - (B) In research and development (R&D) end items or R&D test quantities that is due solely to results of previous testing under this contract; or
 - (C) To the contract type only.
- (4) Request for Deviation (RFD). A RFD is a one-time request to deviate from TDP requirements. You must submit your deviation request once you realize that you desire to deviate from the TDP requirements. You can request a deviation for a specific number of parts or the entire contract quantity.
- (b) When will TACOM start processing change requests? TACOM won't start processing any ECP, VECP, or RFD until we receive the ACO's comments (see paragraph (e) below) and the ECP, VECP, or RFD documentation.
- (c) Contractor Responsibility. ECPs, VECPs, and RFD shall contain information per the instructions outlined on the Data Delivery Descriptions (DDDs) which can be found at the following website: http://contracting.tacom.army.mil/engr/engrchange.htm. Forms for preparing an ECP, VECP, or a RFD can also be found at this website. You may use other media, as long as you give us all the information outlined in the DDDs.
 - (1) Identify the two-digit Weapon System Code (WSC) on your submittal. The WSC for this procurement is M9.
- (2) The Contractor shall submit ECPs/VECPs/RFDs to the Government electronically. You must use one of the following electronic mediums: 3 1/2 inch disk, 650 megabyte CD ROM, or E-mail. (E-mail files must be sized 3.5 mb or less.) Identify the software application, and version, that you used to create each file submitted.
- (3) ECPs/VECPs/RFDs submitted in paper form are unacceptable and will be returned. You must use one of the following electronic formats:
- (i) Files readable using these Microsoft 97 Office Products or later versions: Word, Excel, PowerPoint, or Access. Spreadsheets must be sent in a file format that includes all formulae, macro and format information. Print image is not acceptable.
 - (ii) Files in Adobe PDF (Portable Document Format).
- (iii) Files in HTML (Hypertext Markup Language). HTML documents must not contain active links to live Internet sites or pages. All linked information must be contained within your electronic ECPs/VECPs/RFDs and be accessible offline.
- (iv) Other electronic formats. Before preparing your ECPs, VECPs or RFDs in any other electronic format, please e-mail the engineer, copy-furnished to the buyer and ACO, to obtain a decision as to the format's acceptability. Failure to e-mail the engineer to seek an alternate format's acceptability may result in rejection of your submission. All alternate methods must be at no cost to the Government. NOTE: The above formats may be submitted in compressed form using self-extracting files.
 - (d) Submittal Procedures for ECPs/VECPs/RFDs.

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CONTINUATION SHEET	PIIN/SIIN W56HZV-07-P-1158 MOD/AMD	

Name of Offeror or Contractor: A & G MANUFACTURING CO INC

- (1) Send one copy of the ECP, VECP or RFD in electronic format to your ACO.
- (2) Send one copy of the ECP, VECP or RFD in electronic format to the buyer listed on the solicitation/ contract document.

WARNING - Submit complete, legible, virus free packages per paragraphs 1 and 2 above, or we may return your ECP/VECP/RFD without processing them.

(e) ACO Responsibility. Within ten working days from the day you receive the contractor's request, the ACO must prepare Comments on the ECP, VECP, or RFD in electronic format, and forward it as follows:

Email a copy of the contractor's request and ACO comments (DD Form 1998) to the buyer identified in block 7 of the solicitation cover sheet (SF 33), block 5 on the Standard Form 26, or block 6 on the DD Form 1155. Indicate end item application (if known) in subject line, along with the NSN and contract number.

- (f) Approval of ECPs, VECPs and RFDs.
- (1) ECPs should be used to make permanent changes in the Government Technical Data Package (TDP). Contractual relief should be requested using a Request for Deviation. This is because the Government requires more time to analyze any proposal to permanently change the specification or TDP. Cost saving improvements to the TDP should be submitted as a VECP, if a VE clause is contained in the contract.
- (2) ECPs. TACOM will review and make a decision within the ninety day timeframe. Notification of our decision will be made by the contracting officer or representative.
 - (3) RFDs. Decision on RFDs will be made within 30 days from the date we receive them from the ACO.
- (g) Processing Emergency and Urgent ECPs. Ordinarily, ECPs submitted by the contractor will be deemed routine. If you submit an ECP that you consider to be an emergency or urgent (as defined in paragraph 11 of DDD for ECPs), you must immediately notify the PCO. TACOM will review the criticality of the ECP, and, if we determine that it is urgent or critical, we'll follow the appropriate processing time-frames as outlined in paragraph 11 of the DDD for ECPs.
- (h) Reminder Only the PCO can change the Contract. NO OTHER GOVERNMENT REPRESENTATIVE is authorized to make a commitment for, or bind the Government.
 - (i) RFDs shall contain sufficient pricing data to determine if a downward equitable adjustment to the contract is required.
 - (j) Questions.
- (1) Questions about preparation and submittal of change request should be directed to the Government Quality Assurance Representative (OAR).
- (2) Questions about the status of change requests you've already submitted, contact the buyer. You can find the buyer's name, number and e-mail address in block 7 of the solicitation cover sheet (SF 33), block 5 on the Standard Form 26, or block 6 on the DD Form 1155

[End of Clause]

3 52.211-4072 TECHNICAL DATA PACKAGE INFORMATION JAN/2005 (TACOM)

The following "X"d item applies to this solicitation:

- [] There is no Technical Data Package (TDP) included with this solicitation.
- [] The TDP for this solicitation is on a CD ROM and must be ordered. Ordering instructions can be obtained at Uniform Resource locator (URL): http://contracting.tacom.army.mil/bidreq.htm
- [X] This solicitation contains one, or, more Web located TDPs. If multiple Contract Line Item Numbers (CLINs) are listed, each one will have its own URL just under the CLIN listing. The URL will take you to that CLIN's Web located TDP. To access the TDP, you will have to copy or type the link's URL into your web browser address bar at the top of the screen.

Note: To copy a link from a .pdf file, click on the "Text Select Tool," then highlight the URL, copy and paste it into your browser, and hit the enter key.

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Name of Offeror or Contractor: A & G MANUFACTURING CO INC

CLIN: 0001AA

TDP Link (URL): https://acms.tacom.army.mil/techdata/packages/5340/015238788/EH7Y6587EH/main.htm

[End of Clause]

4 52.211-4008 DRAWING LIMITATIONS

NOV/2005

- (a) The drawings supplied with this contract are <u>not</u> shop or process drawings. They are engineering design drawings. They are adequate to permit manufacture, and:
 - (1) depict the completed (item(s), and
 - (2) serve as the basis for inspection of the completed item(s).
- (b) These drawings DON'T cover intermediate drawings/specifications or steps in the manufacturing process. As a result, even if you meet all the dimensions and tolerances specified in the engineering design drawing for each individual part, a cumulative unacceptable fit for the contract item could result.
- (c) YOU ARE RESPONSIBLE for producing the shop or process drawings needed to cover intermediate steps in the manufacturing process.
- (d) You, the contractor, are responsible for obtaining all specifications and drawings necessary to manufacture the items being solicited in accordance with the TDP including all incorporated specifications and drawings. Delivery delays are not excusable where the contractor asserts that it did not have a specification or drawing and has failed to request, in writing, the specification from either the Contracting Officer or Contract Specialist prior to the solicitation closing date.
- (e) If you fail to produce an end item with a cumulative fit that conforms to Government drawings, specifications or other supplemental manufacturing documentation, you'll be responsible for correcting this condition at no additional cost to the Government and no delivery schedule extension.

[End of Clause]

PACKAGING AND MARKING

5 52.211-4517 PACKAGING REQUIREMENTS (COMMERCIAL) (TACOM)

NOV/2005

(a) The preservation, packing, and marking requirements for this contract/order shall be accomplished in accordance with the performance requirements defined herein. The following Packaging requirements shall apply:

LEVEL OF PRESERVATION: Commercial

LEVEL OF PACKING: Commercial

QUANTITY PER UNIT PACKAGE: 001

- (1) Packaging: Preservation, packaging, packing, unitization and marking furnished by the supplier shall provide protection for a minimum of one year and meet or exceed the following requirements. It also provides for multiple handling, redistribution and shipment by any mode.
- (2) Cleanliness: Items shall be free of dirt and other contaminants which would contribute to the deterioration of the item or which would require cleaning by the customer prior to use. Coatings and preservatives applied to the item for protection are not considered contaminants.
- (3) Preservation: Items susceptible to corrosion or deterioration shall be provided protection by means of preservative coatings, volatile corrosion inhibitors, desiccants, waterproof and/or watervaporproof barriers.
- (4) Cushioning: Items requiring protection from physical and mechanical damage (e.g. fragile, sensitive, material critical) or which could cause physical damage to other items, shall be protected by wrapping, cushioning, pack compartmentalization, or other

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Name of Offeror or Contractor: A & G MANUFACTURING CO INC

means to mitigate shock and vibration to prevent damage during handing and shipment.

- (b) Unit Package: A unit package shall be so designed and constructed that it will contain the contents with no damage to the item(s), and with minimal damage to the unit pack during shipment and storage in the shipping container, and will allow subsequent handling. The outermost component of a unit package shall be a container such as a sealed bag, carton or box. Unit packs shall be designed to conserve weight and cube while retaining the protection required and enhancing standardization.
 - (c) Unit Package Quantity: Unless otherwise specified, the unit package quantity shall be one each part, set, assembly, kit, etc.
 - (d) Intermediate Package: Intermediate packaging is required whenever one or more of the following conditions exists:
 - (1) The quantity is over one (1) gross of the same national stock number,
 - (2) Use enhances handling and inventorying,
 - (3) The exterior surfaces of the unit pack is a bag of any type, regardless of size,
 - (4) The unit pack is less than 64 cubic inches,
 - (5) The weight of the unit pack is under five (5) pounds and no dimension is over twelve (12) inches.

Intermediate containers shall be limited to a maximum of 100 unit packs, a net load of 40 pounds, or a maximum volume of 1.5 cubic feet, whichever occurs first.

(e) Packing:

- (1) Unit packages and intermediate packages not meeting the requirements for a shipping container shall be packed in shipping containers. All shipping containers shall be the most cost effective and shall be of minimum cube to contain and protect the items.
- (2) Shipping Containers: The shipping container (including any necessary blocking, bracing, cushioning, or waterproofing) shall comply with the regulations of the carrier used and shall provide safe delivery to the destination at the lowest tariff cost. The shipping container shall be capable of multiple handling, stacking at least ten feet high, and storage under favorable conditions (such as enclosed facilities) for a minimum of one year.
- (f) Unitization: Shipments of identical items going to the same destination shall be palletized if they have a total cubic displacement of 50 cubic feet or more unless skids or other forklift handling features are included on the containers. Pallet loads must be stable, and to the greatest extent possible, provide a level top for ease of stacking. A palletized load shall be of a size to allow for placement of two loads high and wide in a conveyance. The weight capacity of the pallet must be adequate for the load. The preferred commercial expendable pallet is a 40 x 48 inch, 4-way entry pallet although variations may be permitted as dictated by the characteristics of the items being unitized. The load shall be contained in a manner that will permit safe handling during shipment and storage.

(g) Marking:

- (1) All unit packages, intermediate packs, exterior shipping containers, and, as applicable, unitized loads shall be marked in accordance with MIL-STD-129, Revision P(3), dated 29 Oct. 2004, including bar coding. The contractor is responsible for application of special markings as discussed in the Military Standard regardless of whether specified in the contract/order or not. Special markings include, but are not limited to, Shelf-life markings, structural markings, and transportation special handling markings. The marking of pilferable and sensitive materiel will not identify the nature of the materiel. NOTE: Passive RFID tagging is required in all contracts that contain DFARS clause 252.211-7006. Contractors must check the solicitation and/or contract for this clause.
- (2) Contractors and vendors shall apply identification and address markings with bar codes in accordance with this standard. For shipments moving to overseas locations and for mobile deployable units, the in-the-clear address must also include the host country geographic address and the APO/FPO address. A Military Shipment Label (MSL) is required for all shipments except contractor to contractor. The MSL will include both linear and 2D bar codes per the standard. DVD shipment documentation must also be marked with additional bar codes. The DD Form 250 or the commercial packing list shall have additional issue/receipt bar coding applied as per Direct Vendor Delivery Shipments in the standard (except for deliveries to DLA Distribution Depots, e.g. New Cumberland, San Joaquin, Red River, Anniston). Packing lists are required in accordance with the Standard, see paragraph 5.3.
- (3) Contractor to contractor shipments shall have the address markings applied to the identification marked side of the exterior shipping container or to the unitized load markings. The following shall be marked "FROM: name and address of consignor and TO:
- (4) Commercial software may be used to generate a Military Shipment Label / Issue Receipt Document (MSL/IRRD)including the required Code 39 and 2D (PDF417) bar codes. However, the commercial software must produce labels/documents which comply with the requirements of MIL-STD-129P. Contractors shall insure that the ship to and mark for in-the-clear delivery address is complete including: consignees name, organization, department name, office, building, room, street address, city, state, country code, and DODAAC. (Army developed software, for creating MSL/IRRD previously available to those with government contracts is no longer supported.)

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- (h) Hazardous Materials (As applicable):
- (1) Hazardous Materials is defined as a substance or waste which has been determined by the Secretary of Transportation to be capable of posing an unreasonable risk to health, safety, and property when transported in commerce and which has been so designated. (This includes all items listed as hazardous in Titles 29, 40 and 49 CFR and other applicable modal regulations effective at the time of shipment.)
- (2) Packaging and marking for hazardous material shall comply with the requirements herein for the mode of transport and the applicable performance packaging contained in the following documents:
 - International Air Transport Association (IATA) Dangerous Goods Regulations
 - International Maritime Dangerous Goods Code (IMDG)
 - Code of Federal Regulations (CFR) Title 29, Title 40 and Title 49
 - Joint Service Regulation AFJMAN24-204/TM38-250/NAVSUPPUB 505/MCO P4030.19/DLAM 4145.3 (for military air shipments).
- (3) If the shipment originates from outside the continental United States, the shipment shall be prepared in accordance with the United Nations Recommendations on the Transport of Dangerous Goods in a manner acceptable to the Competent Authority of the nation of origin and in accordance with regulations of all applicable carriers.
- (4) A Product Material Safety Data Sheets (MSDS) is required to be included with every unit pack and intermediate container and shall be included with the packing list inside the sealed pouch attached to the outside of the package.
- (i) Heat Treatment and Marking of Wood Packaging Materials: Boxes/pallets and any wood used as inner packaging made of non-manufactured wood shall be heat-treated. All non-manufactured wood used in packaging shall be heat treated to a core temperature of 56 degrees Celsius for a minimum of 30 minutes. The box/pallet manufacturer and the manufacturer of wood used as inner packaging shall be affiliated with an inspection agency accredited by the board of review of the American Lumber Standard Committee. The box/pallet manufacturer and the manufacturer of wood used as inner packaging shall ensure traceability to the original source of heat treatment. Marking. Each box/pallet shall be marked to show the conformance to the International Plant Protection Convention Standard. The quality mark shall be placed on both ends of the outer packaging, between the end cleats or end battens; on two sides of the pallet. Foreign manufacturers shall have the heat treatment of non-manufactured wood products verified in accordance with their National Plant Protection Organization's compliance program. In addition, wood used as dunnage for blocking and bracing shall be ordered with ALSC certified marking for dunnage or the markings may be applied locally at two foot intervals.
- (j) Quality Assurance: The contractor is responsible for establishing a quality system. Full consideration to examinations, inspections, and tests will be given to ensure the acceptability of the commercial package.
 - (k) SUPPLEMENTAL INSTRUCTIONS: None

[End of Clause]

6 252.211-7006 RADIO FREQUENCY IDENTIFICATION (reflects DoD Class Deviation 2006- MAY/2006 00003)

Note: This clause requires contractors to affix passive (as defined in the clause) RFID tags at the case and palletized unit load level when shipping parts to the depots shown in paragraph b(1)(ii) below. "New Cumberland" is a part of Susquehanna. Shipements to New Cumberland require RFID tagging where the DoDAAC is either W25G1U or SW3124. Procurement Technical Assistance Centers (PTACs) http://www.dla.mil/db/procurem.htm can assist contractors with this RFID requirement. Check with one in your region.

(a) Definitions. As used in this clause

Advance shipment notice means an electronic notification used to list the contents of a shipment of goods as well as additional information relating to the shipment, such as order information, product description, physical characteristics, type of packaging, marking, carrier information, and configuration of goods within the transportation equipment.

Bulk commodities means the following commodities, when shipped in rail tank cars, tanker trucks, trailers, other bulk wheeled conveyances, or pipelines:

- (1) Sand.
- (2) Gravel.
- (3) Bulk liquids (water, chemicals, or petroleum products).

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- (4) Ready-mix concrete or similar construction materials.
- (5) Coal or combustibles such as firewood.
- (6) Agricultural products such as seeds, grains, or animal feed.

Case means either a MIL-STD-129 defined exterior container within a palletized unit load or a MIL-STD-129 defined individual shipping container.

Electronic Product Code\'99 (EPC) means an identification scheme for universally identifying physical objects via RFID tags and other means. The standardized EPC data consists of an EPC (or EPC identifier) that uniquely identifies an individual object, as well as an optional filter value when judged to be necessary to enable effective and efficient reading of the EPC tags. In addition to this standardized data, certain classes of EPC tags will allow user-defined data. The EPC tag data standards will define the length and position of this data, without defining its content.

EPCglobal\'99 means a joint venture between EAN International and the Uniform Code Council to establish and support the EPC network as the global standard for immediate, automatic, and accurate identification of any item in the supply chain of any company, in any industry, anywhere in the world.

Exterior container means a MIL-STD-129 defined container, bundle, or assembly that is sufficient by reason of material, design, and construction to protect unit packs and intermediate containers and their contents during shipment and storage. It can be a unit pack or a container with a combination of unit packs or intermediate containers. An exterior container may or may not be used as a shipping container.

Palletized unit load means a MIL-STD-129 defined quantity of items, packed or unpacked, arranged on a pallet in a specified manner and secured, strapped, or fastened on the pallet so that the whole palletized load is handled as a single unit. A palletized or skidded load is not considered to be a shipping container. A loaded 463L System pallet is not considered to be a palletized unit load. Refer to the Defense Transportation Regulation, DoD 4500.9-R, Part II, Chapter 203, for marking of 463L System pallets.

Passive RFID tag means a tag that reflects energy from the reader/interrogator or that receives and temporarily stores a small amount of energy from the reader/interrogator signal in order to generate the tag response.

- (1) Until February 27, 2007, the acceptable tags are
 - (i) EPC Class 0 passive RFID tags that meet the EPCglobal Class 0 specification; and
- (ii) EPC Class 1 passive RFID tags that meet the EPCglobal Class 1 specification. This includes both the Generation 1 and Generation 2 Class 1 specifications.
- (2) Beginning March 1, 2007, the only acceptable tags are EPC Class 1 passive RFID tags that meet the EPCglobal Class 1 Generation 2 specification. Class 0 and Class 1 Generation 1 tags will no longer be accepted after February 28, 2007.

Radio Frequency Identification (RFID) means an automatic identification and data capture technology comprising one or more reader/interrogators and one or more radio frequency transponders in which data transfer is achieved by means of suitably modulated inductive or radiating electromagnetic carriers.

Shipping container means a MIL-STD-129 defined exterior container that meets carrier regulations and is of sufficient strength, by reason of material, design, and construction, to be shipped safely without further packing (e.g., wooden boxes or crates, fiber and metal drums, and corrugated and solid fiberboard boxes).

(b)

- (1) Except as provided in paragraph (b)(2) of this clause, the Contractor shall affix passive RFID tags, at the case and palletized unit load packaging levels, for shipments of items that
- (i) Are in any of the following classes of supply, as defined in DoD 4140.1-R, DoD Supply Chain Materiel Management Regulation, AP1.1.11:
 - (A) Subclass of Class I Packaged operational rations.
 - (B) Class II Clothing, individual equipment, tentage, organizational tool kits, hand tools, and administrative and housekeeping supplies and equipment.
 - (C) Class IIIP Packaged petroleum, lubricants, oils, preservatives, chemicals, and additives.

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- (D) Class IV Construction and barrier materials.
- (E) Class VI Personal demand items (non-military sales items).
- (F) Subclass of Class VIII Medical materials (excluding pharmaceuticals, biologicals, and reagents).
- (G) Class IX Repair parts and components including kits, assemblies and subassemblies, reparable and consumable items required for maintenance support of all equipment, excluding medical-peculiar repair parts; and
- (ii) Are being shipped to any of the following locations:
 - (A) Defense Distribution Depot, Susquehanna, PA: DoDAAC W25G1U or SW3124.
 - (B) Defense Distribution Depot, San Joaquin, CA: DoDAAC W62G2T or SW3224.
 - (C) Defense Distribution Depot, Albany, GA: DoDAAC SW3121.
 - (D) Defense Distribution Depot, Anniston, AL: DoDAAC W31G1Z or SW3120.
 - (E) Defense Distribution Depot, Barstow, CA: DoDAAC SW3215.
 - (F) Defense Distribution Depot, Cherry Point, NC: DoDAAC SW3113.
 - (G) Defense Distribution Depot, Columbus, OH: DoDAAC SW0700.
 - (H) Defense Distribution Depot, Corpus Christi, TX: DoDAAC W45H08 or SW3222.
 - (I) Defense Distribution Depot, Hill, UT: DoDAAC SW3210.
 - (J) Defense Distribution Depot, Jacksonville, FL: DoDAAC SW3122.
 - (K) Defense Distribution Depot, Oklahoma City, OK: DoDAAC SW3211.
 - (L) Defense Distribution Depot, Norfolk, VA: DoDAAC SW3117.
 - (M) Defense Distribution Depot, Puget Sound, WA: DoDAAC SW3216.
 - (N) Defense Distribution Depot, Red River, TX: DoDAAC W45G19 or SW3227.
 - (O) Defense Distribution Depot, Richmond, VA: DoDAAC SW0400.
 - (P) Defense Distribution Depot, San Diego, CA: DoDAAC SW3218.
 - (Q) Defense Distribution Depot, Tobyhanna, PA: DoDAAC W25GlW or SW3114.
 - (R) Defense Distribution Depot, Warner Robins, GA: DoDAAC SW3119.
 - (S) Air Mobility Command Terminal, Charleston Air Force Base, Charleston, SC: Air Terminal Identifier Code CHS.
 - (T) Air Mobility Command Terminal, Naval Air Station, Norfolk, VA: Air Terminal Identifier Code NGU.
 - (U) Air Mobility Command Terminal, Travis Air Force Base, Fairfield, CA: Air Terminal Identifier Code SUU.
- (2) Bulk commodities are excluded from the requirements of paragraph (b)(1) of this clause.
- (c) The Contractor shall ensure that
- (1) The data encoded on each passive RFID tag are unique (i.e., the binary number is never repeated on any and all contracts) and conforms to the requirements in paragraph (d) of this clause;

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- (2) Each passive tag is readable; and
- (3) The passive tag is affixed at the appropriate location on the specific level of packaging, in accordance with MIL-STD-129 (Section 4.9.2) tag placement specifications.
- (d) Data syntax and standards. The Contractor shall encode an approved RFID tag using the instructions provided in the most recent EPC\'99 Tag Data Standards document, available at http://www.epcglobalinc.org/standards_technology/specifications.html.
- (1) If the Contractor is an EPCglobal\'99 subscriber and possesses a unique EPC\'99 company prefix, the Contractor may use any of the identity types and encoding instructions described in the most recent EPC\'99 Tag Data Standards document to encode tags.
- (2) If the Contractor chooses to employ the DoD Identity Type, the Contractor shall use its previously assigned Commercial and Government Entity (CAGE) Code and shall encode the tags in accordance with the tag identity type details located at http://www.acq.osd.mil/log/rfid/tag_data.htm. If the Contractor uses a third party packaging house to encode its tags, the CAGE code of the third party packaging house is acceptable.
- (3) Regardless of the selected encoding scheme, the Contractor is responsible for ensuring that each tag contains a globally unique identifier.
- (e) Receiving report. The Contractor shall electronically submit advance shipment notice(s) with the RFID tag identification (specified in paragraph (d) of this clause) in advance of the shipment in accordance with the procedures at http://www.acq.osd.mil/log/rfid/advance_shipment_ntc.htm.

[End of Clause]

7 52.247-4458 DISTRIBUTION DATA REPORT

Provide the weight of the unpackaged item.

JUL/2006

- (a) The contractor is required to complete the Distribution Data shown in this clause before first shipment for each deliverable item. This information is used by the Government for estimating shipment costs, storage planning and transport security.
- (b) The Distribution Data Report shall be emailed to Packaging@tacom.army.mil, with a copy to the ACO and Buyer identified on the front page of this contract. Distribution Data shall be provided at the time of the first shipment of each deliverable item. Upon submittal of the Distribution Data, the contractor shall submit a Materiel Inspection and Receiving Report (MIRR (DD 250)). Acceptance by the ACO of a MIRR (DD 250) is required for final payment. Until Distribution Data is accepted, one thousand dollars (\$1000), or 10% of the final payment, whichever is less, may be withheld.
- (c) Definitions of technical terms used in the packaging and distribution are defined in ASTM D996. Provide the sizes in inches and fractions of an inch rounded to the nearest 1/8 inch. Provide weights in pounds. Record weights only to the nearest 1/10 pound. A digital photo attached to the e-mail is optional.
 - (d) This form is also available at http://contracting.tacom.army.mil/acqinfo/contractorforms.htm

DISTRIBUTION DATA REPORT

DISTRIBUTION DATA for Contract Number:
1. ITEM
a. ITEM DESCRIPTION
National Stock Number (NSN): Part Number & FSCM /CAGE:
Provide the contract, NSN, and the part Number & FSCM /CAGE shown in Section B.
(Digital photos attached to the e-mail are optional.)
b. ITEM SIZE (UNPACKAGED): Length x Width x Depth Provide the overall dimensions of the item. Provide the size as configured for shipment; i.e. coiled size, folded size, or retracted size. For kits and items of separate parts, provide size as nested and oriented for shipment within the unit package. This size may be the inside size of the unit package.
C TTEM WEIGHT (UNDACKAGED):

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2. UNIT PACKAGE
a. UNIT PACKAGE DESCRIPTION:
Describe any preservatives applied and the unit package. Examples:
(1) The unit package consists of the item, wrap, desiccant, and bag with marking.
(2) The unit package consists of the item, internal and external preservative, wrap, blocking and box with marking.
(3) The unit package consists of the item, wrap (impregnated with a volatile corrosion inhibitor), cushioning, bag and box with mark
(4) The unit package consists of the item, fastened to a skid base with marking.
b. UNIT PACKAGE SIZE: Length x Width x Depth
Provide the exterior dimensions of the unit package.
c. UNIT PACKAGE WEIGHT:
Provide the weight including the item and unit packaging.
3. SHIPPING CONTAINER
a. SHIPPING CONTAINER DESCRIPTION:
Describe the shipping container. Indicate the number of unit packages in the shipping container.) Examples:
(1) The shipping container is a box. Each shipping container contains 100 unit packages.
(2) The shipping containers are two (2) different boxes. The large shipping containers contain eight (8) unit packages and the
small shipping container contains two (2) unit packages. (Provide a size and weight for each shipping container.)
(3) The shipping container is the unit package box. One shipping container contains 1 (one) item.
(4) The shipping containers are unit package box 1 of 2 and unit package box 2 of 2. The two (2) partial unit package boxes
container contain 1 (one) item, a kit. (This example applies to large kits only. Provide a size and weight for each shipping
container.)
b. SHIPPING CONTAINER SIZE: Length x Width x Depth
Provide the exterior dimensions of the shipping container.
c. Shipping Container Weight:
Provide the shipping container weight including the unit packs, dunnage, intermediate and exterior packing.
4. UNITIZED LOAD
a. UNITIZED LOAD-DESCRIPTION:
Describe the unitized load. Indicate the number of shipping containers in the unitized load. Examples:
(1) The unitized load consists of shipping containers, stacked and unitized onto a pallet or platform base for handling and
transport. Each unitized load consists of 12 shipping containers on one (1) pallet.
(2) The unitized load consists of shipping containers, stacked and unitized onto a pallet or platform base for handling and
transport. Three (3) unitized loads consist of 16 shipping containers on one (1) pallet. One (1) unitized load consists of 4 shipping
containers on one (1) pallet. (Provide a size and weight for each unitized load below.)
(3) The unitized load consists of a shipping container with skids, rubbing strips, or other base for handling and transport. Ea
unitized load consists of a single shipping container.
(4) The unitized load consists of a shipping container only, without pallet, skid, or platform base for handling and transport.
(This example applies only to small shipping containers where no pallet / handling base is required for handling and transport.)
b. UNITIZED LOAD-SIZE: Length x Width x Depth
Provide the exterior dimensions of each unitized load assembled for handling and transport.
c. UNITIZED LOAD-WEIGHT:
Provide the weight of each unitized load including the shipping container / containers, pallet, dunnage, unitizing wraps and strapping
5. SPECIAL NOTES:
<pre>Indicate if:</pre>
- The item requires regulatory license or special security provisions for transport.
- The item is considered dangerous goods for transport as specified in CFR 49.
- The item requires electrostatic sensitive marking or magnetic marking.
- Item shelf life remaining is less than one (1) year. (Shelf life is the total period of time beginning with the date of manufacture

cure, or assembly that an item may remain in combined wholesale and retail storage, and still remain usable. Typical shelf-life items include food, medicines, batteries, paints, sealants, adhesives, film, tires, chemicals, packaged petroleum products, hoses/belts, o-

rings, and Nuclear/Biological/Chemical equipment and clothing.)

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INSPECTION ANI) ACCEPTANCE							
8	52 246-2 TI	NSPECTION O	F SUPPLIESFIXED-PRICE		AIIG/1996			

RESPONSIBILITY FOR SUPPLIES

CERTIFICATE OF CONFORMANCE

(a) When authorized in writing by the cognizant Contract Administration Office (CAO), the Contractor shall ship with a Certificate of Conformance any supplies for which the contract would otherwise require inspection at source. In no case shall the Government's right to inspect supplies under the inspection provisions of this contract be prejudiced. Shipments of such supplies will not be made under this contract until use of the Certificate of Conformance has been authorized in writing by the CAO, or inspection or inspection and acceptance have occurred.

APR/1984

APR/1984

- (b) The Contractor's signed certificate shall be attached to or included on the top copy of the inspection or receiving report distributed to the payment office or attached to the CAO copy when contract administration (Block 10 of the DD Form 250) is performed by the Defense Contract Administration Services. In addition, a copy of the signed certificate shall also be attached to or entered on copies of the inspection or receiving report accompanying the shipment.
- (c) The Government has the right to reject defective supplies or services within a reasonable time after delivery by written notification to the Contractor. The Contractor shall in such event promptly replace, correct, or repair the rejected supplies or services at the Contractor's expense.
 - (d) The certificate shall read as follows:

52.246-16

52.246-15

10

Title: _

I certify that on <u>(date)</u> , the <u>(insert Contractor's name)</u> furnished the supplies or services called for by Contract
number via <u>(Carrier)</u> on <u>(Identify the bill of lading or shipping document)</u> in accordance with all
applicable requirements. I further certify that the supplies or services are of the quantity specified and conform in all
respects with the contract requirements, including specifications, drawings, preservation, packaging, packing, marking
requirements, and physical item identification (part number), and are in the quantity shown on this or on the attached
acceptance document.
Date of Execution:
Signature:

[End of Clause]

11 52.211-4017 PAINTING TEST FEB/2007

- (a) Painting shall be in accordance with The Chemical Agent Resistant Coatings(CARC)Application Procedures and Quality Control Inspection detail specification MIL-DTL-53072. All painting procedures must be submitted to the Administrative Contracting Officer (ACO) for government review and to be approved by the Procuring Contracting Officer (PCO) in coordination with AMSRD-TAR-E/ME prior to painting.
 - (b) Noted exceptions, additional or special instructions are as follows:
 - (1) Chemical conversion coatings and pretreatments for ferrous surfaces (Base for Organic Coatings).
 - (i) Non-stainless steel
 - (A) Chemical conversion coatings and pretreatments shall be IAW Fed Spec TT-C-490(Type I & V).
 - (B) Hexavalent chromium containing rinses/sealers shall not be used.
- (C) If this is a follow on action to an existing contract, pre-production approval in accordance with (IAW) section 3 of TT-C-490 may be waived or amended at the discretion of the government. Waiver requests shall be submitted to the ACO for government review and approval in coordination with AMSRD-TAR-E/ME.
- (D) Once Pre-production approvals are met for Types I and V per section 3.0 of TT-C-490, monthly Quality Assurance (QA) checks using three test coupons/specimens shall be performed by the vendor. If a lot represents more than a months production, testing

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will be performed once per month with no less than 25 day intervals. If a lot represents less than a month of production, then the QA will be performed on each lot, or as agreed on prior to contract award. All results shall be recorded and submitted to the ACO for government review and approval in coordination with the Defense Contract Management Agency (DCMA).

- (E) Section 3.2.21 of TT-C-490 requires that panels be sent to the procuring activity for evaluation and testing.
 - (1) Panels shall be sent to the Army Research Laboratory CARC Commodity Manager at the following address:

US Army Research Laboratory Attn: John Escarsega AMSRD-ARL-WM-MC Deer Creek Loop, Bld. 4600 APG, MD 21005

- (2) Items to be tested shall be accompanied by the following information: (a) Company name; (b) Contract number; (c) material from which the panels were made and the process used; (d) explanation of why panels are being submitted and (e) Point of Contact.
 - (ii) Stainless Steel:
 - (A) Stainless steel surfaces shall be cleaned IAW MIL-DTL 53072 section 3.2 (a) and/or (b).
- (B) Wash primer DOD-P-15328 and MIL-C-8514 are prohibited material due to their hexavalent chromium content. Following cleaning, stainless steel surfaces shall be pretreated using one of the following methods:
 - (1) Mechanical blasting IAW SSPC-10. NOTE: Mechanical blasting may not be suitable for thin sheet stainless steel.
 - (2) A non-hexavalent chromium substitute which meets the performance requirements of DOD-P-15328.
 - (2) Chemical conversion coatings and pretreatments for non-ferrous surfaces.
- (i) Aluminum surfaces and aluminum alloys: All aluminum and its alloys require cleaning and pretreatment prior to painting or as stand alone conversion coatings.
- (A) Where hexavalent chromium is prohibited within contract documents (SOW, PD, TDP, etc.), use the following: MIL-DTL-81706 Type II Class 1A or Class 3 or ASTM B 921, Table 1 Standard Specification for Non-Hexavalent Chromium Conversion Coatings on Aluminum and Aluminum Alloys. Where lower electrical resistance is required the commercial product must meet the performance criteria of Class 3 of MIL-DTL-81706.
- (B) Applications, quality assurance and coating requirements in MIL-DTL-81706 shall be IAW spec MIL-DTL-5541 Chemical Conversion Coatings on Aluminum and Aluminum Allovs.
- (C) Anodic Coatings shall be in IAW with MIL-A-8625 Anodic Coatings for Aluminum and Aluminum Alloys. The types and classes to be specified in the contract. Hexavalent chromium containing rinses/sealers shall not be used.
 - (3) E-coating (Electric Coating for Primer) shall be IAW MIL-P53084:
 - (i) E-coat application shall be done in accordance with written instructions by the E-coat QPL supplier.
- (ii) Ferrous and zinc/zinc alloy coated surfaces shall be cleaned and pretreated with a Type 1 zinc phosphate coating IAW Fed spec TT-C-490 plus any additional requirements from the e-coat OPL supplier.
- (iii) All pre-production samples or coupons shall be scribed IAW ASTM D 1654, section 4.1.1 or 4.1.2 and then undergo 1000 hours of salt spray ASTM B117 or 40 cycles of SAE J2334 on galvanized surfaces or to a mutually agreed number of hours prior to production.
- (iv) Once samples are approved and production has begun: The coating contractor shall on a monthly basis or as agreed upon, perform a corrosion audit by E-coating three (3) production pieces or standard 4x12in Q-panels made from the same material as the end item through the actual production line. The samples or panels shall then be scribed IAW ASTM 1654, section 4.1.1 or 4.1.2 and be tested for a period of 336 hours IAW ASTM B117 neutral salt fog test or 20 Cycles of SAE J2334 for galvanized surfaces.
- (v) On a yearly basis: the corrosion audit shall consist of taking three (3) production pieces or Q panels of the same material with the governments approval through the actual production line. The samples or panels shall then be scribed IAW ASTM D 1654, section 4.1.1 or 4.1.2 and be tested for a period of 1000 hours salt spray IAW ASTM B117 or a 40 Cycle test IAW SAE J2334 for galvanized

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Name of Offeror or Contractor: A & G MANUFACTURING CO INC

surfaces.

- (vi) After any or all corrosion testing, all samples shall pass the requirements of:
- (A) ASTM D3359: Standard Test Method for Measuring Ashesion by Tape Test. Ashesion ratin no greater than classification 3B, FIG. 1.
- (B) ASTM D610: Standard Test Method for Evaluating Degree of Rusting on Painted Steel Surfaces. Rust Ratings no lower than grade 9, Table 1.
- (C) ASTM D714: Standard Test Method for Evaluating Degree of Blistering of Paints. Blistering of paint, no greater than Few, Blister size 4 Fig. 2 and no more than 5 blisters per 24 in square.
- (D) ASTM D 1654 Standard Test Method for Evaluation of Painted or Coated Specimens Subjected to Corrosive Environments. Creepage from scribe no greater than Rating 6 of Table 1. Evaluation of unscribed area shall not be greater than rating number 9 of
 - (4) Powder coating (primer) selection, application and QC requirements:
- (i) Selected powder coating (primer) shall be from Experimental Products Program list supplied by the Army Research Lab CARC commodity manager. Attn: AMSRD-ARL-WM-MC.
- (ii) All cleaning and conversion coatings prior to powder coating of surfaces and quality inspection shall be IAW MIL-DTL-53072.
 - (iii) Cleaning and pretreatment shall be IAW above paragraphs depending on which substrate is being used.

[End of Clause]

12 52.211-4029 INTERCHANGEABILITY OF COMPONENTS

MAY/1994

- (a) <u>DESIGN CHANGES TO ITEMS NOT UNDER GOV'T DESIGN CONTROL</u>. Once the Government accepts the first production test item, or accepts the first end item you deliver, (whichever comes first) you must not make design changes to any item or part that is not under Government design control.
- (b) <u>WHEN THE POLICY CAN BE WAIVED</u>. The Procuring Contracting Officer (PCO) will consider waiving this policy at your request. If your request reaches the CO after the first production item test has been performed, then we may conduct another first production test at your expense.
 - (c) PRODUCTION OR DELIVERY DELAYS. Any production or delivery delays caused by this retesting will not be the basis for:
 - (1) an "excusable delay" as defined in the DEFAULT clause of this contract.
 - (2) be the basis for an increase in contract price or delivery schedule extension.

[End of clause]

13 52.246-4028 INSPECTION AND ACCEPTANCE POINTS: ORIGIN (TACOM)

NOV/2005

The Government's inspection and acceptance of the supplies offered under this contract/purchase order shall take place at ORIGIN.

Offeror must specify below the exact name, address, and CAGE of the facility where supplies to be furnished under this contract/purchase order will be available for inspection/acceptance.

INSPECTION POINT: A & G Manufacturing Co., Inc. 3W061

(Name) (CAGE)

165 Gelsanliter Road, Galion OH 44833
(Address) (City) (State)(Zip)

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Name of Offeror or Contractor: A & G MANUFACTURING CO INC

ACCEPTANCE POINT: A & G Manufacturing Co., Inc.

3W061 (CAGE)

(Name)

165 Gelsanliter Road, Galion OH 44833 (City) (State)(Zip)

[End of Clause]

DELIVERIES OR PERFORMANCE

14	52.211-17	DELIVERY OF EXCESS QUANTITIES	SEP/1989
15	52.242-15	STOP-WORK ORDER	AUG/1989
16	52.242-17	GOVERNMENT DELAY OF WORK	APR/1984
17	52.247-29	F.O.B. ORIGIN	FEB/2006
18	52.247-58	LOADING, BLOCKING, AND BRACING OF FREIGHT CAR SHIPMENTS	APR/1984
19	52.247-59	F.O.B. ORIGINCARLOAD AND TRUCKLOAD SHIPMENTS	APR/1984
20	52.242-4022 (TACOM)	DELIVERY SCHEDULE	SEP/2006

- (a) Offers that propose delivery that will not clearly fall within the applicable required delivery schedule specified below MAY BE CONSIDERED NONRESPONSIVE AND NOT ELIGIBLE FOR AWARD. If you believe that the delivery schedule or quantity is unrealistic, contact the buyer listed on the cover sheet of this solicitation at least 14 days prior to solicitation closing date.
 - (b) DEFINITIONS:
- (1) DAYS means the number of days after the date of contract award when you must deliver the stated quantity (QTY) of supplies.
 - (2) DELIVERY is defined as follows:

FOB Origin - Contractor is required to deliver its shipment as provided in FAR 52.247-29(a)(1)-(4) by the time specified in the individual contract; or

FOB Destination - Contractor is required to deliver its shipment as provided in FAR 52.247-34(a)(1)-(2) by the time specified in the individual contract. The contractor must take into consideration the length of time necessary to deliver its shipment to the destination designated in the contract, to ensure that the item reaches its destination by the time reflected in the contract.

- (c) The Government requires delivery to be made according to the following schedule:
 - (1) GOVERNMENT REQUIRED DELIVERY SCHEDULE WITH FIRST ARTICLE TEST (FAT)

ITEM NO. OTY WITHIN DAYS AFTER DATE OF CONTRACT AWARD

N/A N/A N/A

(2) GOVERNMENT REQUIRED DELIVERY SCHEDULE IF THERE IS NO FIRST ARTICLE TEST (FAT), OR IF FAT IS WAIVED

ITEM NO. WITHIN DAYS AFTER DATE OF CONTRACT AWARD

0001AA 5 EA 150

- (d) If the offeror does not propose an accelerated delivery schedule, the required delivery schedule above will apply. If you wish to propose an accelerated delivery schedule at no additional cost, fill in the appropriate information here:
 - (1) OFFERORS PROPOSED ACCELERATED DELIVERY SCHEDULE WITH FIRST ARTICLE TEST (FAT)

ITEM NO. OTY WITHIN DAYS AFTER DATE OF CONTRACT AWARD

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(2	2) OFFERORS	PROPOSED ACCELERA	TED DELIVERY SCHEDULE WITHOUT	FIRST ARTICLE TEST (FAT), or IF FAT	'IS WAIVED
	ITEM NO.	QTY	WITHIN DAYS AFTER DATE OF CO	ONTRACT AWARD	
(e) Yo	ou can acce	elerate delivery af		tional cost to the government.	
			[End of Cl	ause]	
21	52.211	-16 VARIATI	ON IN QUANTITY		APR/1984
	ns of loadi	ng, shipping, or pa		contract will not be accepted unless afacturing processes, and then only t	
(b) Th	he permissi	ble variation shal	l be limited to:		
_		ent increase; and			
(c) Th	his increas	e or decrease shal	l apply to THE TOTAL CONTRACT	TUAL QUANTITY.	
			[End of Cla	use]	
22	52.247	-60 GUARANT	EED SHIPPING CHARACTERISTICS		DEC/1989
packaged sep furnish suff evaluation w or in the ak based on the the contract	parately. ficient dat will be bas bsence ther e actual sh t price sha	This information was a in subparagraph and on the shipping eof, by the Contractipping characteristill be reduced by as	ill be used to determine tran (a)(1) of this clause, to per characteristics submitted by cting Officer's best estimate tics, exceed the item shippin	E this clause, for each part or composition costs for evaluation purposes the offeror whose offer produces the of the actual transportation costs. In the costs used for evaluation purposes the costs used for evaluation costs. The costs where the transportation costs were between the transportation costs acteristics had been accurate.	ooses. If the offeror does not of the item shipping costs, he highest transportation costs If the item shipping costs, s, the Contractor agrees that
(1	1) To be c	completed by the of	feror:		
	(i)	Type of "Outer" co		ber Box X, Barrel , Reel _	, Drum,
	(ii)	Shipping configure	ation: Knocked-down, S	Set-up, Nested <u>X</u> , Other (s	specify);
	(iii)	Size of outer con	tainer: <u>24</u> inches (Lengt	ch), x <u>14</u> inches (Width), x <u>6</u>	inches (Height) = _2,016
		Cubic FT;			
	(iv)	Number of items p	er outer container5	Each;	
	(v)	Gross weight of o	uter container and contents _	15 LBS	
	(vi)	Palletized/skidde	d <u>X</u> Yes	No;	
	(vii)	Number of outer c	ontainers per pallet/skid	1;	

include this weight.

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Name of Offer	ror or Co	ontractor: A & G MANUFACTURING CO INC
	(viii)	Weight of empty pallet bottom/skid and sides LBS;
	(ix)	Size of pallet/skid and contents;
	(x)	Number of outer containers or pallets/skids per railcar <u>N/A</u> *
		Size of railcar
		Type of railcar
	(xi)	Number of outer containers or pallets/skids per trailerN/A *
		Size of trailer
		Type of trailer
*Number of co	omplete 1	units (contract line item) to be shipped in carrier's equipment.
(2)	To be	completed by the Government after evaluation but before contract award:
	(i)	Rate used in evaluation;
	(ii)	Tender/Tariff;
	(iii)	Item;
purpose of eva	luating	re specified elsewhere in this solicitation. The guaranteed shipping characteristics will be used only for the offers and establishing any liability of the successful offeror for increased transportation costs resulting from the cteristics which differ from those used for evaluation in accordance with paragraph (a) of this clause. [End of FAR Clause]
The following clause where i		tion is provided as guidance in filling out the above clause by paragraph. Note: Disregard asterisk (*) in the
		tainer (mandatory fill-in):
		is defined as an overpack. This is an outer container usually made of steel, wood, or fiber designed to enclose
		re less durable inner containers. When Other is selected you must also complete (a)(1)(ii) Shipping configuration
(a)(1)(ii) Shi Complete this		onfiguration: tion when any one dimension of the item is reduced.
Outer dimensio	ons of the cube	ontainer (mandatory fill-in): ne overpack or other described shipping configuration. Must be provided in inches. The cube shall be provided in is defined as the volume of space occupied by the unit under consideration computed by multiplying overall exteri ight.
		items per container (mandatory fill-in): f issue in the overpack or in the other described shipping configuration.
		t of container and contents (mandatory fill-in): the overpack containing the packing material and the number of units of issue supplied in pounds.
(a)(1)(vi) Pal Indicate Yes i		/skidded: ack or other described shipping configuration is attached to pallet or skid to form a unit load for handling.
	this if	containers per pallet/skid: you answered Yes to (a)(1)(vi). Containers are the number of overpacks or other described shipping configuration or skid base.
		f empty pallet bottom/skid and sides: you answered Yes to $(a)(1)(vi)$ or when the weight of the container and contents in $(a)(1)(v)$ above does not

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Name of Offeror or Contractor: A & G MANUFACTURING CO INC

(a)(1)(ix) Size of pallet/skid and contents:

Only complete this if you answered Yes to (a)(1)(vi). Indicate weight in pounds and cube in cubic feet of combined overpack or other described shipping configuration and attached pallet or skid. The cube is defined as the volume of space occupied by the unit under consideration computed by multiplying overall exterior length, width, and height.

(a)(1)(x) Number of containers or pallets/skids per railcar:

Only complete this if you have rail capability and the rail car may be fully utilized. Quantity of overpacks or other described shipping configurations that will fit in a fully utilized railcar. Specify length in feet and type (flat, box, gondola, etc.) of railcar.

(a)(1)(xi) Number of containers or pallets/skids per trailer (mandatory fill-in): Quantity of overpacks or other described shipping configurations that will fit in a fully utilized trailer. Specify length in feet and type (flatbed, van, etc.) of trailer. For import/export shipments in ISO/seavan containers indicate quantity of overpacks or other described shipping configurations fully utilizing the container. Specify length in feet of the ISO/seavan containers.

NOTE: "Fully Utilized" means filling to full visible capacity.

23 52.247-65 F.O.B. ORIGIN--PREPAID FREIGHT--SMALL PACKAGE SHIPMENTS

JAN/1991

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- (a) When authorized by the Contracting Officer, f.o.b. origin freight shipments which do not have a security classification shall move on prepaid commercial bills of lading or other shipping documents to domestic destinations, including air and water terminals. Weight of individual shipments shall be governed by carrier restrictions but shall not exceed 150 pounds by any form of commercial air or 1,000 pounds by other commercial carriers. The Government will reimburse the Contractor for reasonable freight charges.
- (b) The Contractor shall annotate the commercial bill of lading as required by the clause of this contract entitled Commercial Bill of Lading Notations.
- (c) The Contractor shall consolidate prepaid shipments in accordance with procedures established by the cognizant transportation office. The Contractor is authorized to combine Government prepaid shipments with the Contractor's commercial shipments for delivery to one or more consignees and the Government will reimburse its pro rata share of the total freight costs. The Contractor shall provide a copy of the commercial bill of lading promptly to each consignee. Quantities shall not be divided into mailable lots for the purpose of avoiding movement by other modes of transportation.
- (d) Transportation charges will be billed as a separate item on the invoice for each shipment made. A copy of the pertinent bill of lading, shipment receipt, or freight bill shall accompany the invoice unless otherwise specified in the contract.
 - (e) Loss and damage claims will be processed by the Government.

[End of Clause]

52.247-4005 24

(TACOM)

SHIPMENT OF SUPPLIES AND DETENTION OF CARRIERS EQUIPMENT

AUG/2003

- (a) Unless otherwise directed, shipment items under this contract in following order of priority:
 - (1) Government/Commercial Bill(s) of Lading or US Postal Services;
 - (2) Prepaid Commercial Bill(s) of Lading with transportation charges entered as a separate item on the invoice; or
 - (3) As otherwise instructed when the contract prohibits use of Government funds for transportation costs.
- (b) The Contractor will request:
 - (1) Government Bills of Lading and
- (2) Routing and other instructions, including Defense Transportation Regulation (DTR), DOD Regulation 4500.9-R-Part 2 Cargo Movement, as to the methods of shipment to be followed by the Contractor, or
- (c) The Contractor and subcontractor(s) must allow prompt and convenient access of carrier's equipment to loading docks or platforms where the contract items supplies will be loaded. Any charges for detention of carrier's equipment shall be for the account of the Contractor, except when the detention is required or caused by the Government.

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Name of Offeror or Contractor: A & G MANUFACTURING CO INC

25 52.247-4010 TRANSPORTATION DATA FOR FOB ORIGIN OFFERS FEB/1994 (TACOM)

(a) Provide the following information for us to use in selecting the most favorable mode of shipment. We'll also use this information in our evaluation of transportation costs.

Offeror represents that:

(1)	Facilities for shipping by	/ rail
	[] are	
	[X] are not	

available at the F.O.B. point(s) stated in this solicitation.

- (2) If rail facilities are not available at the F.O.B. point(s), the name and location of the nearest team track is: (NAME) (LOCATION)
- (3) Facilities for shipping by water

[] are [X] are not

available at the F.O.B. point(s) stated in this solicitation.

(4) Facilities for shipping by motor

[X] are [] are not

available at the F.O.B. point(s) stated in this solicitation.

(5) If there is a Contractor Reimbursable Loading Charge and you didn't include it in the offered unit price in Section B, please indicate it below, per unit:

> __/Unit RATI: /Unit WATER: MOTOR:

CAUTION: GIVE THE COST OF REIMBURSABLE LOADING CHARGE (NOT ALREADY IN THE OFFERED UNIT PRICE) ON A PER UNIT BASIS. THE OF MEASURE IS AS INDICATED ON THE SCHEDULE PAGE, SECTION B, UNDER THE UNIT COLUMN.

- (b) We will consider any charge listed above in the overall transportation evaluation of this solicitation. Unless you fill-in the above information for loading charges, we will consider all costs associated with loading to be included in the item price offered in Section B. These costs include: (i) loading, (ii) blocking, (iii) bracing, (iv) drayage, (v) switching, or (vi) any other service necessary to effect delivery F.O.B. carrier's equipment you've indicated as available and we specify at time of shipment.
- (c) If rail facilities aren't available at the designated F.O.B. point(s), rail won't be used unless directed by the Administrative Contracting Officer (ACO). If the ACO tells you rail facilities will be used, we'll adjust the contract price by adding the loading charge filled in above for transportation to the nearest rail facility.
- (d) IF YOU DO NOT FILL IN AN ADDITIONAL CHARGE FOR RAIL SHIPMENT ABOVE, YOU AGREE THAT THE CONTRACT PRICE ALREADY INCLUDES ALL CHARGES FOR SUCH SHIPMENTS. THEREFORE, SHIPMENT BY RAIL WILL NOT COST US ANY MORE.

[End of Clause]

52.247-4011 SEP/1978 26 FOB POINT

Delivery on F.O.B. origin offers will be F.O.B. Carrier's equipment, wharf, or freight station, at the Government's option, at or near:

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Name of Offeror or Contractor: A & G MANUFACTURING CO INC

(1) Contractor's Plant:	Galion	ОН	44833	Crawford	
	(City)	(State)	(ZIP)	(County)	
(2) Subcontractor's Plant:					
	(City)	(State)	(ZIP)	(County)	

[End of Clause]

27	52.247	-4017 DEPOT ADDRESS	FOR THE APPLICABLE MODE OF	SHIPMENTS: IN-THE-CLEAR MAY/2004	
	(TACOM) ADDRESSES			
Rail/	MILSTRIP				
Motor	Address	Rail	Motor	Parcel Post	
SPLC*	Code	Ship To:	Ship To:	Mail To:	
206721/	W25G1U	Transportation Officer	Transportation Officer	Transportation Officer	
209405		Defense Dist Depot	Defense Dist Depot	Defense Dist Depot	
		Susquehanna	Susquehanna	Susquehanna	
		New Cumberland, PA	New Cumberland, PA	New Cumberland, PA 17070-5001	

NOTE: All deliveries to New Cumberland MUST be scheduled at least 10 days prior to the delivery date. The carrier or contractor must call the New Cumberland DDSP customer service number, 800-307-8496 and provide the following information: contract number, item name, National Stock Number, total weight and cube, and vendor. All shipments to this MILSTRIP address code (W25GlU) are for mission stock and they will need to know that as well, but if you have instructions from the Contracting Officer to use MILSTRIP address code W25N14 instead, you must inform the appointment-taker that the delivery is for Consolidation and Containerization Point (CCP) stock. Appointments for FOB Origin shipments should be coordinated with DCMA Transportation.

875670/ 875675	W62G2T	Transportation Officer XU Def Dist Depot San Joaquin 25600 S Chrisman Rd Rec Whse 10 Tracy, Ca 95376-5000	Transportation Officer XU Def Dist Depot San Joaquin 25600 S Chrisman Rd Rec Whse 10 Tracy, Ca 95376-5000	Transportation Officer Dist Depot San Joaquin P O Box 96001 Stockton, CA 95296-0130
471995/ 471996	W31G1Z	Transportation Officer Anniston Army Depot, Bynum, AL	Transportation Officer Anniston Army Depot, Bynum, AL	Transportation Officer Anniston Army Depot, Anniston, AL 36201-5021
209741/ 209770	W25G1R	Transportation Officer Letterkenny Army Depot, Culbertson, PA	Transportation Officer Letterkenny Army Depot, Chambersburg, PA	Transportation Officer Letterkenny Army Depot, Chambersburg, PA 17201-4150
661136/ 661157	W45G19	Transportation Officer Red River Army Depot, Defense, TX	Transportation Officer Red River Army Depot, Texarkana, TX	Transportation Officer Red River Army Depot, Texarkana, TX 75507-5000
764538/ 764535	W67G23	Transportation Officer Tooele Army Depot, Warner, UT	Transportation Officer Tooele Army Depot, Tooele, UT	Transportation Officer Tooele Army Depot, Tooele, UT 84074-5003

^{***}SPLC indicates \underline{S} tandard \underline{P} oint \underline{L} ocator \underline{C} ode.

NOTE: The following is applicable only when so specified in an individual order or delivery increment:

This requirement is a depot replenishment buy, a portion of which is or may be required to fill Direct Support System (DSS) requisitions. Shipment shall be made, as specified, to one or more of:

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Name of Offeror or Contractor: A & G MANUFACTURING CO INC

New Cumberland Army Depot Red River Army Depot Sharpe Army Depot

prior to shipments to any other depots as may be designated. When more than one depot is designated for DSS shipments, priority shipments will be made equally to each of the designated destinations.

[End of Clause]

	COMPINITATION CHEETE		Referen	ice No.	of Document B	eing Continue	d		Page 25 of 35	
	CONTINUATION SHEET			PIIN/SIIN W56HZV-07-P-1158		MOD/AMD				
Name	of Offeror or C	Contractor:	A & G MANUF	ACTURING CO INC						1
CONTRAC	CT ADMINISTRATI	ON DATA								
	PRON/						JOB			
INE	AMS CD/	OBLG					ORDER	ACCOUNTI	NG	OBLIGATED
TEM_	MIPR	ACRN STAT	ACCOUNTING	CLASSIFICATION			NUMBER	STATION		AMOUNT
001AA	ЕН7Ү6587ЕН 070011	AA 2	97 X4930	AC6D 6D	26FB	S20113		W56HZV	\$	730.00
								TOTAL	\$	730.00
ERVICE	E						ACCOU	NTING		OBLIGATED
AME	TOTA	AL BY ACRN	ACCOUNTING	CLASSIFICATION			STATI	ON		AMOUNT
rmy		AA	97 X4930	AC6D 6D	26FB	S20113	W56HZ	V	\$ _	730.00
								TOTAL	\$	730.00

ACRN EDI ACCOUNTING CLASSIFICATION

28

AA 97 0X0X4930AC6D S20113 76D00000700110000026FB S20113

252.232-7003 ELECTRONIC SUBMISSION OF PAYMENT REQUESTS JAN/2004

29 252.204-7006 BILLING INSTRUCTIONS OCT/2005

When submitting a request for payment, the Contractor shall--

(a) Identify the contract line item(s) on the payment request that reasonably reflect contract work performance; and

(b) Separately identify a payment amount for each contract line item included in the payment request.

[End of Clause]

30 52.204-4011 PAYMENT INSTRUCTIONS FOR THE DEFENSE FINANCE AND ACCOUNTING SERVICE OCT/2005 (TACOM) (DFAS)

In accordance with DFARS PGI 204.7108, the contract shall be paid in accordance with DFARS PGI 204.7108(d)(5), line item specific by cancellation date.

[End of Clause]

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CONTINUATION SHEET	PIIN/SIIN W56HZV-07-P-1158	MOD/AMD	

Name of Offeror or Contractor: A & G MANUFACTURING CO INC

Traine of O	Traine of Official of Contractor. A & G MANUFACTURING CO INC						
SPECIAL CON	TRACT REQUIREMENTS						
31	252.204-7000	DISCLOSURE OF INFORMATION	DEC/1991				
32	252.225-7001	BUY AMERICAN ACT AND BALANCE OF PAYMENTS PROGRAM	JUN/2005				
33	252.225-7002	QUALIFYING COUNTRY SOURCES AS SUBCONTRACTORS	APR/2003				
34	252.225-7033	WAIVER OF UNITED KINGDOM LEVIES	APR/2003				
35	252.246-7000	MATERIAL INSPECTION AND RECEIVING REPORT	MAR/2003				
36	52.204-4005	REQUIRED USE OF ELECTRONIC CONTRACTING	SEP/2004				

- (a) All contract awards, modifications and delivery orders issued by TACOM will be issued electronically. The contractor has the option to receive these actions either via the Worldwide Web (WWW) or Electronic Data Interchange (EDI). Many provisions/clauses that appear "by reference", meaning only clause titles and regulation site are listed; their full texts can be found at the website http://farsite.hill.af.mil/
- (b) In order to be eligible to receive an award under this solicitation, the successful offeror must be registered with the Department of Defense (DOD) Central Contractor Registration (CCR). The CCR registration process may be done electronically at the World Wide Web (WWW) site: http://www.ccr.gov/. (In order to be registered to use EDI, you must use the long form for registration. Certification information, including information on the EDI 838 TPP, must be furnished to the Contracting Officer within 60 calendar days after contract award to complete networking requirements within the Government.)
- (c) Worldwide Web Distribution. The contractor will receive an electronic Notice of the Award, Modification, or Delivery Order via e-mail. If you choose the WWW option, you must download the file from the appropriate TACOM webpage:

Warren: http://contracting.tacom.army.mil/awd.htm

Rock Island: https://aais.ria.army.mil/AAIS/AWDINFO/index.htm

Picatinny: http://procnet.pica.army.mil/dbi/DynCBD/award.cfm

Red River Army Depot: http://www.redriver.army.mil/contractingframes/RecentAwards.DPD.cfm

Anniston Army Depot: http://www.anadprocnet.army.mil/

- (d) Electronic Data Interchange. If you choose to receive contract awards, modifications and delivery orders through EDI, they will be delivered electronically via the Federal Acquisition Network (FACNET). Federal Standard Version 3050 of Standard X12 from the American National Standards Institute (ANSI) will be used as the format for these electronic transactions.
- (1) You must complete the EDI 838 Trading Partner Profile, and must agree (i) to subcontract with a DoD certified VAN or Value Added Service (VAS) provider, or (ii) to become DoD certified as a Value Added Network (VAN). The EDI 838 Training Partner Profile is contained in the basic CCR registration form and includes portions of the registration form which are titled "Optional".
- (2) You must select a VAN from the official DoD approved list. DoD Certified VANs are listed at http://www.acq.osd.mil/dpap/ebiz/VANs.htm . If your VAN is later removed from the official list, or if you voluntarily drop your initially selected VAN, then you must switch to a VAN that remains on the official DoD approved list. You must maintain an active account on a DoD approved VAN for the entire duration of the contract, beginning no later than the 60th day after award.
- (e) Unless otherwise specified elsewhere in the contract, all data items you are required to provide under this contract must be submitted electronically. Please go to the following webpage for detailed information about submitting your offer electronically: http://contracting.tacom.army.mil/ebidnotice.htm
 - (f) Additional information can be obtained by sending a message to: acqcenweb@tacom.army.mil or by calling (586) 574-7059.

[End of Clause]

37 52.246-4026 LOCAL ADDRESSES FOR DD FORM 250 AND WAWF RECEIVING REPORTS SEP/2006 (TACOM)

- (a) The Contractor may use either the Material Inspection and Receiving Report (DD 250) or Wide Area Workflow (WAWF) to process receiving reports for inspection, acceptance, and payment. Use only one method per contract; not both.
- (b) If you are using the Material Inspection and Receiving Report (DD 250), use one of the following methods to send each DD 250 pertaining to this contract to us:
 - (1) Our first preference is for you to use electronic mail (e-mail), using the following e-mail address: DD250@tacom.army.mil
 - (2) Our second preference is for you to use data facsimile (datafax) transmission, using this fax number:

TELET		TAT (SHEET
	3		> H H.H. I

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Name of Offeror or Contractor: A & G MANUFACTURING CO INC

(586) 574-7788 and use "DD250 mailbox" in the "to:" block of your fax cover or header sheet.

In either method, do not mix DD250s from more than one contract in a single transmission. That is, you may submit multiple DD250s in a single transmission, but they must all be against the same contract. These copies meet the requirements for the Purchasing Office copy and the Army Inventory Control Manager copy listed in tables 1 and 2 of DFARS Appendix F. The DD250 form may be found, in three different formats, on the World Wide Web at http://www.dtic.mil/whs/directives/infomgt/forms/forminfo/forminfopage2126.html

(c) If you are using Wide Area Workflow (WAWF) instead of DD 250s, we may require copies of the WAWF Receiving Report, Bills of Lading, or other documentation to resolve delinquencies, payment issues, or other administrative issues. If this documentation is requested, use the same email address or fax number shown in paragraph (b) above to submit the information. No copies of the WAWF Receiving Report are required unless specifically requested by the PCO, buyer, or other appropriate government official.

[End of Clause]

CONTRACT CLAUSES

This contract incorporates one or more clauses by reference, with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make their full text available. Also, the full text of a clause may be accessed electronically at this address: http://farsite.hill.af.mil/

[End of Clause]

38	52.208-9	CONTRACTOR USE OF MANDATORY SOURCES OF SUPPLY OR SERVICES	JUL/2004
39	52.211-5	MATERIAL REQUIREMENTS	AUG/2000
40	52.211-15	DEFENSE PRIORITY AND ALLOCATION REQUIREMENTS	SEP/1990
41	52.215-8	ORDER OF PRECEDENCEUNIFORM CONTRACT FORMAT	OCT/1997
42	52.219-6	NOTICE OF TOTAL SMALL BUSINESS SET-ASIDE	JUN/2003
43	52.222-1	NOTICE TO THE GOVERNMENT OF LABOR DISPUTES	FEB/1997
44	52.222-21	PROHIBITION OF SEGREGATED FACILITIES	FEB/1999
45	52.222-26	EQUAL OPPORTUNITY	MAR/2007
46	52.222-35	EQUAL OPPORTUNITY FOR SPECIAL DISABLED VETERANS, VETERANS OF THE	SEP/2006
		VIETNAM ERA, AND OTHER ELIGIBLE VETERANS	
47	52.222-37	EMPLOYMENT REPORTS ON SPECIAL DISABLED VETERANS, VETERANS OF THE	SEP/2006
		VIETNAM ERA, AND OTHER ELIGIBLE VETERANS	
48	52.223-3	HAZARDOUS MATERIAL IDENTIFICATION AND MATERIAL SAFETY DATA	JAN/1997
49	52.223-6	DRUG FREE WORKPLACE	MAY/2001
50	52.232-1	PAYMENTS	APR/1984
51	52.232-8	DISCOUNTS FOR PROMPT PAYMENT	FEB/2002
52	52.232-9	LIMITATION ON WITHHOLDING OF PAYMENTS	APR/1984
53	52.232-11	EXTRAS	APR/1984
54	52.232-25	PROMPT PAYMENT	OCT/2003
55	52.232-33	PAYMENT BY ELECTRONIC FUNDS TRANSFERCENTRAL CONTRACTOR REGISTRATION	OCT/2003
56	52.233-1	DISPUTES	JUL/2002
57	52.233-3	PROTEST AFTER AWARD	AUG/1996
58	52.233-4	APPLICABLE LAW FOR BREACH OF CONTRACT CLAIM	OCT/2004
59	52.243-1	CHANGESFIXED-PRICE	AUG/1987
60	52.244-6	SUBCONTRACTS FOR COMMERCIAL ITEMS	SEP/2006
61	52.247-1	COMMERCIAL BILL OF LADING NOTATIONS	FEB/2006
62	52.249-1	TERMINATION FOR CONVENIENCE OF THE GOVERNMENT (FIXED-PRICE) (SHORT	APR/1984
		FORM)	
63	52.249-8	DEFAULT (FIXED-PRICE SUPPLY AND SERVICE)	APR/1984
64	52.253-1	COMPUTER GENERATED FORMS	JAN/1991
65	252.204-7003	CONTROL OF GOVERNMENT PERSONNEL WORK PRODUCT	APR/1992
66	252.225-7016	RESTRICTION ON ACQUISITION OF BALL AND ROLLER BEARINGS	MAR/2006
67	252.225-7041	CORRESPONDENCE IN ENGLISH	JUN/1997
68	252.225-7042	AUTHORIZATION TO PERFORM	APR/2003
69	252.232-7010	LEVIES ON CONTRACT PAYMENTS	SEP/2005
70	252.242-7003	APPLICATION FOR U.S. GOVERNMENT SHIPPING DOCUMENTATION/INSTRUCTIONS	DEC/1991
71	252.243-7001	PRICING OF CONTRACT MODIFICATIONS	DEC/1991

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72 52.209-1 QUALIFICATION REQUIREMENTS FEB/1995

- (a) Definition: Qualification requirement, as used in this clause, means a Government requirement for testing or other quality assurance demonstration that must be completed before award.
- (b) One or more qualification requirements apply to the supplies or services covered by this contract. For those supplies or services requiring qualification, whether the covered product or service is an end item under this contract or simply a component of an end item, the product, manufacturer, or source must have demonstrated that it meets the standards prescribed for qualification before award of this contract. The product, manufacturer, or source must be qualified at the time of award whether or not the name of the product, manufacturer, or source is actually included on a qualified products list, qualified manufacturers list, or qualified bidders list. Offerors should contact the agency activity designated below to obtain all requirements that they or their products or services, or their subcontractors or their products or services, must satisfy to

become qualified and to arrange for an opportunity to demonstrate their abilities to meet the standards specified for qualification.

(Name) SEE SUPPORTING ACTIVITY(IES) LISTED IN THE SPECIFICATION(S) (Address)

(c) If an offeror, manufacturer, source, product or service covered by a qualification requirement has already met the standards specified, the relevant information noted below should be provided.

Offeror's Name		
Manufacturer's Name		
Source's Name		
Item Name		
Service		
Identification	Test Number	(to the extent known)

- (d) Even though a product or service subject to a qualification requirement is not itself an end item under this contract, the product, manufacturer, or source must nevertheless be qualified at the time of award of this contract. This is necessary whether the Contractor or a subcontractor will ultimately provide the product or service in question. If, after award, the Contracting Officer discovers that an applicable qualification requirement was not in fact met at the time of award, the Contracting Officer may either terminate this contract for default or allow performance to continue if adequate consideration is offered and the action is determined to be otherwise in the Government's best interests.
- (e) If an offeror, manufacturer, source product or service has met the qualification requirement but is not yet on a qualified products list, qualified manufacturers list, or qualified bidders list, the offeror must submit evidence of qualification prior to award of this contract. Unless determined to be in the Government's interest, award of this contract shall not be delayed to permit an offeror to submit evidence of qualification.
- (f) Any change in location or ownership of the plant where a previously qualified product or service was manufactured or performed requires reevaluation of the qualification. Similarly, any change in location or ownership of a previously qualified manufacturer or source requires reevaluation of the qualification. The reevaluation must be accomplished before the date of award.

[End of Clause]

73 52.223-7 NOTICE OF RADIOACTIVE MATERIALS JAN/1997

- (a) The Contractor shall notify the Contracting Officer or designee, in writing 60 days prior to the delivery of, or prior to completion of any servicing required by this contract of, items containing either (1) radioactive material requiring specific licensing under the regulations issued pursuant to the Atomic Energy Act of 1954, as amended, as set forth in Title 10 of the Code of Federal Regulations, in effect on the date of this contract, or (2) other radioactive material not requiring specific licensing in which the specific activity is greater than 0.002 microcuries per gram or the activity per item equals or exceeds 0.01 microcuries. Such notice shall specify the part or parts of the items which contain radioactive materials, a description of the materials, the name and activity of the isotope, the manufacturer of the materials, and any other information known to the Contractor which will put users of the items on notice as to the hazards involved (OMB No. 9000-0107).
- (b) If there has been no change affecting the quantity of activity, or the characteristics and composition of the radioactive material from deliveries under this contract or prior contracts the Contractor may request that the Contracting Officer or designee waive the notice requirement in paragraph (a) of this clause. Any such request shall-
 - (1) Be submitted in writing;

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- (2) State that the quantity of activity, characteristics, and composition of the radioactive material have not changed; and
- (3) Cite the contract number on which the prior notification was submitted and the contracting office to which it was submitted.
- (c) All items, parts, or subassemblies which contain radioactive materials in which the specific activity is greater than 0.002 microcuries per gram or activity per item equals or exceeds 0.01 microcuries, and all containers in which such items, parts or subassemblies are delivered to the Government shall be clearly marked and labeled as required by the latest revision of MIL-STD 129 in effect on the date of the contract.
- (d) This clause, including this paragraph (d), shall be inserted in all subcontracts for radioactive materials meeting the criteria in paragraph (a) of this clause.

[End of Clause]

74 52.217-4001 SEPARATELY PRICED OPTION FOR INCREASED QUANTITY FEB/2007 (TACOM)

- (a) The Government may require the delivery of the numbered item, identified in the schedule as an option item, in the quantity and at the price stated in the schedule. This option may be exercised by the Government at any time, but in any event not later than 120 days after either (i) award or, if FAT is required, (ii) after FAT approval. In addition, such option may be exercised in increments, subject to the stated total additional quantity limitations, price(s), and the above-stated time for exercise of the option.
- (b) Delivery of the items added by the exercise of this option shall continue immediately after, and at the same rate as, delivery of like items called for under this contract, unless the parties hereto otherwise agree.
- (c) Additionally, prior to the expiration of the original option period identified in paragraph (a) above, the Government may seek a bilateral extension of the option period for an additional period not to exceed 90 days from the expiration date of the original option period.

[End of Clause]

75 52.204-7 CENTRAL CONTRACTOR REGISTRATION JUL/2006

(a) Definitions. As used in this clause--

"Central Contractor Registration (CCR) database" means the primary Government repository for contractor information required for the conduct of business with the Government.

"Commercial and Government Entity (CAGE) code" means-

- (1) A code assigned by the Defense Logistics Information Service (DLIS) to identify a commercial or Government entity; or
- (2) A code assigned by a member of the North Atlantic Treaty Organization that DLIS records and maintains in the CAGE master file. This type of code is known as an "NCAGE code."

"Data Universal Numbering System (DUNS) number" means the 9-digit number assigned by Dun and Bradstreet, Inc. (D&B) to identify unique business entities.

"Data Universal Numbering System +4 (DUNS+4) number" means the DUNS number assigned by D&B plus a 4-character suffix that may be assigned by a business concern. (D&B has no affiliation with this 4-character suffix.) This 4-character suffix may be assigned at the discretion of the business concern to establish additional CCR records for identifying alternative Electronic Funds Transfer (EFT) accounts (see Subpart 32.11 of the Federal Acquisition Regulation) for the same parent concern.

"Registered in the CCR database" means that-

(1) The Contractor has entered all mandatory information, including the DUNS number or the DUNS+4 number, into the CCR database;

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(2) The Government has validated all mandatory data fields, to include validation of the Taxpayer Identification Number (TIN) with the Internal Revenue Service (IRS), and has marked the record ``Active''. The Contractor will be required to provide consent for TIN validation to the Government as a part of the CCR registration process.

(b

- (1) By submission of an offer, the offeror acknowledges the requirement that a prospective awardee shall be registered in the CCR database prior to award, during performance, and through final payment of any contract, basic agreement, basic ordering agreement, or blanket purchasing agreement resulting from this solicitation.
- (2) The offeror shall enter, in the block with its name and address on the cover page of its offer, the annotation DUNS or DUNS+4 followed by the DUNS or DUNS+4 number that identifies the offerors name and address exactly as stated in the offer. The DUNS number will be used by the Contracting Officer to verify that the offeror is registered in the CCR database.
 - (c) If the offeror does not have a DUNS number, it should contact Dun and Bradstreet directly to obtain one.
 - (1) An offeror may obtain a DUNS number
- (i) If located within the United States, by calling Dun and Bradstreet at 1-866-705-5711 or via the Internet at http://www.dnb.com/ ; or
 - (ii) If located outside the United States, by contacting the local Dun and Bradstreet office.
 - (2) The offeror should be prepared to provide the following information:
 - (i) Company legal business name.
 - (ii) Tradestyle, doing business, or other name by which your entity is commonly recognized.
 - (iii) Company physical street address, city, state and Zip Code.
 - (iv) Company mailing address, city, state and Zip Code (if separate from physical).
 - (v) Company telephone number.
 - (vi) Date the company was started.
 - (vii) Number of employees at your location.
 - (viii) Chief executive officer/key manager.
 - (ix) Line of business (industry).
 - (x) Company Headquarters name and address (reporting relationship within your entity).
- (d) If the Offeror does not become registered in the CCR database in the time prescribed by the Contracting Officer, the Contracting Officer will proceed to award to the next otherwise successful registered Offeror.
- (e) Processing time, which normally takes 48 hours, should be taken into consideration when registering. Offerors who are not registered should consider applying for registration immediately upon receipt of this solicitation.
- (f) The Contractor is responsible for the accuracy and completeness of the data within the CCR database, and for any liability resulting from the Governments reliance on inaccurate or incomplete data. To remain registered in the CCR database after the initial registration, the Contractor is required to review and update on an annual basis from the date of initial registration or subsequent updates its information in the CCR database to ensure it is current, accurate and complete. Updating information in the CCR does not alter the terms and conditions of this contract and is not a substitute for a properly executed contractual document.

(1)

(i) If a Contractor has legally changed its business name, doing business as name, or division name (whichever is shown on the contract), or has transferred the assets used in performing the contract, but has not completed the necessary requirements regarding novation and change-of-name agreements in Subpart 42.12, the Contractor shall provide the responsible Contracting Officer a minimum of one business days written notification of its intention to:

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- (A) Change the name in the CCR database;
- (B) Comply with the requirements of Subpart 42.12 of the FAR;
- (C) Agree in writing to the timeline and procedures specified by the responsible Contracting Officer. The Contractor must provide with the notification sufficient documentation to support the legally changed name.
- (ii) If the Contractor fails to comply with the requirements of paragraph (g)(1)(i) of this clause, or fails to perform the agreement at paragraph (g)(1)(i)(C) of this clause, and, in the absence of a properly executed novation or change-of-name agreement, the CCR information that shows the Contractor to be other than the Contractor indicated in the contract will be considered to be incorrect information within the meaning of the Suspension of Payment paragraph of the electronic funds transfer (EFT) clause of this contract.
- (2) The Contractor shall not change the name or address for EFT payments or manual payments, as appropriate, in the CCR record to reflect an assignee for the purpose of assignment of claims (see FAR Subpart 32.8, Assignment of Claims). Assignees shall be separately registered in the CCR database. Information provided to the Contractors CCR record that indicates payments, including those made by EFT, to an ultimate recipient other than that Contractor will be considered to be incorrect information within the meaning of the Suspension of payment paragraph of the EFT clause of this contract.
- (g) Offerors and Contractors may obtain information on registration and annual confirmation requirements via the Internet at http://www.ccr.gov/ or by calling 1-888-227-2423, or 269-961-5757.

[End of Clause]

76 52.223-11 OZONE-DEPLETING SUBSTANCES

MAY/2001

- (a) Definition. Ozone-depleting substance, as used in this clause, means any substance the Evironnmental Protection Agency designates in 40 CFR part 82 as--
 - (1) Class I, including, but not limited to, chlorofluorocarbons, halons, carbon tetrachloride, and methyl chloroform; or
 - (2) Class II, including but not limited to, hydrochlorofluorocarbons.
- (b) The Contractor shall label products which contain or are manufactured with ozone-depleting substances in the manner and to the extent required by 42 U.S.C. 7671j(b), (c), and (d) and 40 CFR Part 82, Subpart E, as follows:

WARNING: Contains (or manufactured with, if applicable) ______ * _____, a substance(s which harm(s) public health and environment by destroying ozone in the upper atmosphere.

*The Contractor shall insert the name of the substance(s).

[End of Clause]

77 52.252-6 AUTHORIZED DEVIATIONS IN CLAUSES

APR/1984

- (a) The use in this solicitation or contract of any Federal Acquisition Regulation (48 CFR Chapter 1) clause with an authorized deviation is indicated by the addition of (DEVIATION) after the date of the clause.
- (b) The use in this solicitation or contract of any DoD FAR Supplement (DFARS) (48 CFR 2) clause with an authorized deviation is indicated by the addition of (DEVIATION) after the name of the regulation.

[End of Clause]

78 252.223-7001 HAZARD WARNING LABELS

DEC/1991

- (a) <u>Hazardous material</u>, as used in this clause, is defined in the Hazardous Material Identification and Material Safety Data clause of this contract.
- (b) The Contractor shall label the item package (unit container) of any hazardous material to be delivered under this contract in accordance with the Hazard Communication Standard (29 CFR 1910.1200 et seq). The Standard requires that the hazard warning label

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conform to the requirements of the standard unless the material is otherwise subject to the labelling requirements of one of the following statutes:

- (1) Federal Insecticide, Fungicide and Rodenticide Act;
- (2) Federal Food, Drug and Cosmetics Act;
- (3) Consumer Product Safety Act;
- (4) Federal Hazardous Substances Act; or
- (5) Federal Alcohol Administration Act.
- (c) The Offeror shall list which hazardous material listed in the Hazardous Material Identification and Material Safety Data clause of this contract will be labelled in accordance with one of the Acts in paragraphs (b)(1) through (5) of this clause instead of the Hazard Communication Standard. Any hazardous material not listed will be interpreted to mean that a label is required in accordance with the Hazard Communication Standard.

MATERIAL (If None, Insert None.)	<u>ACT</u>

- (d) The apparently successful Offeror agrees to submit, before award, a copy of the hazard warning label for all hazardous materials not listed in paragraph (c) of this clause. The Offeror shall submit the label with the Material Safety Data Sheet being furnished under the Hazardous Material Identification and Material Safety Data clause of this contract.
- (e) The Contractor shall also comply with MIL-STD-129, Marking for Shipment and Storage (including revisions adopted during the term of this contract).

[End of Clause]

- 79 252 247-7023 TRANSPORTATION OF SUPPLIES BY SEA (Alternate III dated May 2002) MAY/2002
- (a) Definitions. As used in this clause--
- (1) Components means articles, materials, and supplies incorporated directly into end products at any level of manufacture, fabrication, or assembly by the Contractor or any subcontractor.
 - (2) Department of Defense (DoD) means the Army, Navy, Air Force, Marine Corps, and defense agencies.
 - (3) Foreign flag vessel means any vessel that is not a U.S.-flag vessel.
 - (4) Ocean transportation means any transportation aboard a ship, vessel, boat, barge, or ferry through international waters.
- (5) Subcontractor means a supplier, materialman, distributor, or vendor at any level below the prime contractor whose contractual obligation to perform results from, or is conditioned upon, award of the prime contract and who is performing any part of the work or other requirement of the prime contract. However, effective May 1, 1996, the term does not include a supplier, materialman, distributor, or vendor of commercial items or commercial components.
- (6) Supplies means all property, except land and interests in land, that is clearly identifiable for eventual use by or owned by the DoD at the time of transportation by sea.
- (i) An item is clearly identifiable for eventual use by the DoD if, for example, the contract documentation contains a reference to a DoD contract number or a military destination.
- (ii) Supplies includes (but is not limited to) public works; buildings and facilities; ships; floating equipment and vessels of every character, type, and description, with parts, subassemblies, accessories, and equipment; machine tools; material; equipment; stores of all kinds; end items; construction materials; and components of the foregoing.
- (7) <u>U.S.-flag vessel</u> means a vessel of the United States or belonging to the United States, including any vessel registered or having national status under the laws of the United States.

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(b)

- (1) The Contractor shall use U.S.-flag vessels when transporting any supplies by sea under this contract.
- (2) A subcontractor transporting supplies by sea under this contract shall use U.S.-flag vessels if-
 - (i) This contract is a construction contract; or
 - (ii) The supplies being transported are-
 - (A) Noncommercial items; or
 - (B) Commercial items that-
 - (1) The Contractor is reselling or distributing to the Government without adding value (generally, the Contractor does not add value to items that it subcontracts for f.o.b. destination shipment);
 - (2) Are shipped in direct support of U.S. military contingency operations, exercises, or forces deployed in humanitarian or peacekeeping operations; or
 - (3) Are commissary or exchange cargoes transported outside of the Defense Transportation System in accordance with 10 U.S.C. 2643.
- (c) The Contractor and its subcontractors may request that the Contracting Officer authorize shipment in foreign-flag vessels, or designate available U.S.-flag vessels, if the Contractor or a subcontractor believes that--
 - (1) U.S.-flag vessels are not available for timely shipment;
 - (2) The freight charges are inordinately excessive or unreasonable; or
 - (3) Freight charges are higher than charges to private persons for transportation of like goods.
- (d) The Contractor must submit any request for use of other than U.S.-flag vessels in writing to the Contracting Officer at least 45 days prior to the sailing date necessary to meet its delivery schedules. The Contracting Officer will process requests submitted after such date(s) as expeditiously as possible, but the Contracting Officer's failure to grant approvals to meet the shipper's sailing date will not of itself constitute a compensable delay under this or any other clause of this contract. Requests shall contain at a minimum-
 - (1) Type, weight, and cube of cargo;
 - (2) Required shipping date;
 - (3) Special handling and discharge requirements;
 - (4) Loading and discharge points;
 - (5) Name of shipper and consignee;
 - (6) Prime contract number; and
- (7) A documented description of efforts made to secure U.S.-flag vessels, including points of contact (with names and telephone numbers) with at least two U.S.-flag carriers contacted. Copies of telephone notes, telegraphic and facsimile message or letters will be sufficient for this purpose.
- (e) The Contractor shall, within 30 days after each shipment covered by this clause, provide the Contracting Officer and the Division of National Cargo, Office of Market Development, Maritime Administration, U.S. Department of Transportation, Washington, DC 20590, one copy of the rated on board vessel operating carrier's ocean bill of lading, which shall contain the following information-
 - (1) Prime contract number;
 - (2) Name of vessel;
 - (3) Vessel flag of registry;

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- (4) Date of loading;
- (5) Port of loading;
- (6) Port of final discharge;
- (7) Description of commodity;
- (8) Gross weight in pounds and cubic feet if available;
- (9) Total ocean freight in U.S. dollars; and
- (10) Name of the steamship company.
- (f) The Contractor shall insert the substance of this clause, including this paragraph (f) in subcontracts that are for a type of supplies described in paragraph (b)(2) of this clause.

[End of Clause]

80 52.204-4009 MANDATORY USE OF CONTRACTOR TO GOVERNMENT ELECTRONIC COMMUNICATION MAR/2005 (TACOM)

- (a) All references in the contract to the submission of written documentation shall mean electronic submission. All electronic submissions shall be in the formats and media described in the website: http://contracting.tacom.army.mil/ebidnotice.htm
- (b) This shall include all written unclassified communications between the Government and the Contractor except contract awards and contract modifications which shall be posted on the internet. Return receipt shall be used if a commercial application is available. Classified information shall be handled in full accordance with the appropriate security requirements.
- (c) In order to be contractually binding, all Government communications requiring a Contracting Officer signature must be sent from the Contracting Officer's e-mail address. The Contractor shall designate the personnel with signature authority who can contractually bind the contractor. All binding contractor communication shall be sent from this contractor e-mail address(es).
- (d) Upon award, the Contractor shall provide the Contracting Officer with a list of e-mail addresses for all administrative and technical personnel assigned to this contract.
- (e) Unless exempted by the Procuring Contracting Officer in writing, all unclassified written communication after contract award shall be transmitted electronically.

[End of Clause]

81 52.213-4010 ADDITIONAL GENERAL CLAUSES FEB/1997 (TACOM)

The following three FAR clauses apply to this purchase order, in addition to the other clauses contained in, or cited in, the document:

(1) CHANGES-FIXED-PRICE (AUG 1987) 52.243-1

- (i) The Contracting Officer may at any time, by written order, and without notice to the sureties, if any, make changes within the general scope of this contract in any one or more of the following:
 - (A) Drawings, designs, or specifications when the supplies to be furnished are to be specially manufactured for the Government in accordance with the drawings, designs, or specifications.
 - (B) Method of shipment or packing.
 - (C) Place of delivery.
 - (ii) If any such change causes an increase or decrease in the cost of, or the time required for, performance of any part

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of the work under this contract, whether or not changed by the order, the Contracting Officer shall make an equitable adjustment in the contract price, the delivery schedule, or both, and shall modify the contract.

- (iii) The Contractor must assert its right to an adjustment under this clause within 30 days from the date of receipt of the written order. However, if the Contracting Officer decides that the facts justify it, the Contracting Officer may receive and act upon a proposal submitted before final payment of the contract.
- (iv) If the Contractor's proposal includes the cost of property made, obsolete or excess by the change, the Contracting Officer shall have the right to prescribe the manner of the disposition of the property.
- (v) Failure to agree to any adjustment shall be a dispute under the Disputes clause. However, nothing in this clause shall excuse the Contractor from proceeding with the contract as changed.

[End of Clause]

(2) TERMINATION FOR CONVENIENCE OF THE GOVERNMENT 52.249-1

(APR 1984)

The Contracting Officer, by written notice, may terminate this contract, in whole or in part, when it is in the Government's interest. If this contract is terminated, the rights, duties, and obligations of the parties, including compensation to the Contractor, shall be in accordance with Part 49 of the Federal Acquisition Regulation in effect on the date of this contract.

[End of Clause]

(3) DEFAULT--FIXED-PRICE SUPPLY AND SERVICE 52.249-8

(APR 1984)

The Contracting Officer, by written notice, may terminate this contract, in whole or in part, for failure of the Contractor to perform any of the provisions hereof. See referenced FAR cite for full provision.